

Pioneer® brand
**NEW ADVANCED
LUCERNE WITH
NITRAGIN* PLUS**



A NZ OWNED
FAMILY BUSINESS



PIONEER
BRAND · PRODUCTS

Pioneer® brand 54V09 LUCERNE

54V09 is a high-yielding winter dormant variety with excellent field appearance and superior relative forage quality. 54V09 combines excellent winter-hardiness with a superb disease resistance package that includes high resistance to the major New Zealand lucerne diseases - Phytophthora Root Rot, Verticillium Wilt, Bacterial Wilt and Stem Nematode. 54V09 is ideal for grazing, silage or hay.

CHARACTERISTIC RATINGS FOR 54V09

Important: Ratings based on both Pioneer Agronomists and Research Scientists field observations.

Forage yield	9
Field appearance	9
Relative forage quality	7

KEY: **1 = Poor, 9 = Excellent**
Based on Pioneer research comparisons with other Pioneer® brand lucerne cultivars.

Phytophthora Root Rot	HR
Verticillium Wilt	HR
Bacterial Wilt	HR
Fusarium Wilt	R
Stem Nematode	HR
Spotted Alfalfa Aphid	R
Pea Aphid	HR

S LR MR R HR

DISEASE RESISTANCE PROFILES:

HR = Highly resistant (more than 50% resistant plants)

R = Resistant (31% to 50% resistant plants)

MR = Moderately resistant (16% to 30% resistant plants)

LR = Low resistant (6% to 15% resistant plants)

S = Susceptible (up to 5% resistant plants)



Above: Pioneer Area Manager Duncan Gillanders (right) and Dunsandel dairy farmer Grant Pinny, inspecting Grant's crop of Pioneer® brand 54V09 lucerne.

NITRAGIN* PLUS

PIONEER® BRAND LUCERNE SEED IS NOW AVAILABLE WITH OUR EXCLUSIVE NITRAGIN* PLUS SEED COATING.

The benefits of using our new and unique seed coating are:

- Superior seed adhesion with minimal dust, making planting easier, more accurate and safer.
- Patented seed drying process which assures customers of high Rhizobium levels on every seed.
- Excellent product stability - guaranteed Rhizobium shelf-life of 2 years from coating.
- Light 9% seed coating. Nitragin* Plus delivers more pure seed for every kilogram of coated seed you purchase.

Nitragin* Plus contains:

- Superior strains of naturally selected nitrogen-fixing bacteria (Rhizobium) resulting in high levels of nitrogen fixation for maximum crop yields.
- Apron XL^{®1} fungicide which is effective against seedling fungal diseases (including "damping off" disease).
- Lime for localised pH correction around the seedling.

Nitragin* Plus is recommended for the establishment of all Pioneer® brand lucerne crops.

*Nitragin is a registered trademark of EMD Crop BioScience and/or its affiliates. ¹Registered Trademark of Syngenta.



FREE LUCERNE MANUAL

VISIT PIONEER.CO.NZ OR CALL 0800 PIONEER TO REQUEST YOUR FREE COPY



VISIT OUR WEBSITE
PIONEER.CO.NZ

Whether you are new to lucerne or already using lucerne, our online resources will help you maximise your lucerne investment.



TALK TO THE TEAM
0800 PIONEER (746 633)

Support and technical advice is only a phone call.

▶ The Pioneer® brand Lucerne Manual covers all aspects of growing, grazing, harvesting and feeding lucerne in New Zealand.

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